



US Patent App 10588,361.txt  
SEQUENCE LISTING

<110> INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE  
PRATELLI, REJANE  
HOSY, ERIC  
LACOMBE, BENOIT  
ROMIEU, CHARLES  
TORREGROSA, LAURENT  
THIBAUD, JEAN-BAPTISTE  
SENTENAC, HERVE

<120> POTASSIUM CHANNELS

<130> 3338.100US01

<140> US 10/588,361

<141> 2006-10-24

<150> PCT/FR05/050060

<151> 2005-01-31

<150> FR 0450199

<151> 2004-03-02

<160> 3

<170> PatentIn version 3.5

<210> 1

<211> 2376

<212> DNA

<213> Vitis vinifera

<400> 1

atgtcgtttt cttgtgcaaa agccttcttc caacggtttt gtgttgaaga gttccaaatg	60
gagagaacta gcctagggttc cgtcttctct agtcatctcc tcccatctct tggggccaga	120
atcaaccagg caacaaagct tcaaaaacac ataatttctc ctttcagtcc ccgttacagg	180
gcttgggaaa tgttgctgat tattctggtc atctactctg cctggatctg cccatttgag	240
tttggaattc tgccctacaa gcaagacgcg cttttcatct tcgataacat tgtcaatggc	300
ttcttcgcca tcgatatcgt tctcactttc tttgtagcat acctcgacac agaaacttat	360
cttcttgttg atgatgccaa gaaaattgca atcagggtaca tatctacctg gtttatcttc	420
gatgtctgtt cgacagcgcc atttgaagct ttcagcctcc tgttcacaaa gcataacagt	480
ggactcggct ataaagcact caacatgctc aggctctggc gactgagacg agtcagctcc	540
ctgtttgcaa gactagagaa ggacatccgg tttaactact tctggattcg atgcataaaa	600
ctcacttctg taactctgtt tgcagtacac tgtgctggat gctttaacta tctgattgca	660
gatagatacc cggatccaga acgaacctgg attggtgcag tctatccaaa tttcaaagaa	720
gagaacctct gggacagata tgtaacttca atttactggt ctattactac actaactact	780
actggttatg gagacttgca tgctgagaac ccaagagaga tgctgtttga tattttttac	840
atgctattca acttgggatt aacatcttac ctcatgggga acatgaccaa tcttgttgtt	900

US Patent App 10588,361.txt

cactggacca gccggaccag agatttttagg gatacagtca ggtctgcttc agagtttgca	960
acaaggaatc aattgcccc acgcattcag gatcagatgc tgtcgactt atgtctcaag	1020
ttcaaaacag aaggattgaa acaacaagac actttgaatg gcctgccaag agccattcgc	1080
tccagcattg cacactacct cttcttcctt atcgctcaaa atgtctatct tttccaggg	1140
gtttctcagg acttcctttt ccaactgggt tctgaagtgg aggctgagta tttccacct	1200
agagaagatg tgattctaca gaaggaggct tcaacagata tatatattct tgtctcgga	1260
gcggtggatt tgatagcata tattgacgga catgatcaga ttctcgaaa ggctgttgca	1320
ggggatgtgt ttggagagat tggggtttta tgttataggc cacaatcgtt aacagtccgg	1380
acctctgagc tttctcagat actaagatta agcagaactt cactgatgaa cgcaatccaa	1440
gcaaatatgg aagatggacc aattattatg aaccatcttt tcaagaaact gaaagggcta	1500
gaaagctcag gctttacaga cccacatatg gaccagatt ccacctcag agaatggatt	1560
gatggagtac caccaggagg aagcctttcc catgctggat gtcgatgca atcaccacat	1620
ggagatccat caatacaaga agcaaggac ataggtttac tgggatcaga agctacaaag	1680
aagagtaaag cagacaaagc tcatgagtcg actggatgcg ggatcgatgc aaattcagca	1740
gctgaggatg gccaaacggc tcttcatgtt gctgtctgca acgggcatct tgaaatgggt	1800
agaattctgc tagaaagagg agcaaatgtg aacaaaaagg atgctagagg gtggaccca	1860
aaagctttag cggaacaaga aggaaaaaaa agcatatatg acctcttact aagttatgaa	1920
aatagaaggt tattagatga acacaaaatt cattttattg ggtcagacgc agctgactgt	1980
tgtactagtc aaggtctaca tacaagaacg ggggggcccc attttcacaa ctctcaattt	2040
aaaaaggtat ccacaaattc caattcaggc agtcctagcc ctcccgcaa caaagatgtt	2100
atgacattga ccaagaggag agtcactatc cacagacagt ttcaaaatgc aagtacatca	2160
caggggcagc ttgggaagtt gattattcta cctgattcaa tagaagagct actgcaaatt	2220
gctggtcaaa agtttgagg ctacaatccc accaaagtcg ttagtgcagg gaatgcagaa	2280
atagatgaca taagcgttat ccgagatggg gatcatctgt ttctacttca aaatgagaat	2340
ggaactacaa ttacaatgtt acctaattggt tactga	2376

<210> 2  
 <211> 28  
 <212> DNA  
 <213> Vitis vinifera

<400> 2	
gcaaagtgc ttttaggaaa gccggggc	28

<210> 3  
 <211> 27

<212> DNA

<213> Vitis vinifera

<400> 3

ttcacataac aaatatagct tctgacc

27